

UNIT CG17 & 18 WARRINGTON BUSINESS PARK, WARRINGTON
Tel. 01925444664

INFO@UNDERGROUNDSURVEYS.CO.UK

Defect Grade Description (Node)

	• • •	
Project Name	Project Number	Project Date
14479 EURO GARAGES BLACKPOOL	14479	08/12/2021

1: Brick: No structural defects.

Other Materials: No structural defects.

Acceptable structural condition.

2: Brick: Circumferential cracking; single longitudinal crack; surface mortar loss (depth missing < 15mm); surface damage - slight spalling (breaking away of small fragments from the surface); surface damage - slight wear (increased roughness).

Other Materials: Circumferential crack; moderate joint defects (i.e. medium open joint or medium displaced joint); surface damage - slight spalling (breaking away of small fragments from the surface) or slight wear (increased roughness).

Minimal collapse likelihood in the short term but potential for further deterioration.

3: Brick: Medium mortar loss (depth missing 15-50mm) without other defects; more than one longitudinal crack (at a single location); multiple cracking; single bricks displaced; deformation < 5%; no fracture and only moderate mortar loss; surface damage - medium spalling (large areas of chipped brick); surface damage - medium wear (large area of brick surface is missing).

Other Materials: Fracture with no deformation or deformation < 5%; longitudinal cracking or multiple cracking; minor loss of level; severe joint defects (i.e. large open joint or large displaced joint); surface damage - partial area of pipe surface is missing or worn.

Collapse unlikely in the near future but further deterioration likely

4: Brick: Total mortar loss (depth missing > 50mm) with deformation > 10%; deformation up to 10% and fractured; displaced or hanging brickwork; small number of missing bricks; dropped invert (drop > 20mm); moderate loss of level; surface damage - large spalling (entire surface of brick is missing); surface damage - large wear (entire surface of brick is missing).

Other Materials: Broken; deformation up to 10% and broken; fracture with deformation 5-10%; multiple fractures; serious loss of level; serious joint defects with voids or soil visible (open joint with > 50mm soil or void visible or joint displacement > 25% of diameter); surface damage - entire area of pipe surface is missing or severly worn.

Collapse likely in the foreseeable future

5: Brick: Already collapsed; missing Invert; deformation > 10% and fractured; displaced or hanging brickwork and deformation < 10%; extensive areas of missing brickwork.

Other Materials: Already collapsed; deformation > 10% and broken; extensive areas of pipe fabric missing; fractures with deformation > 10%

Collapsed or collapse imminent



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Node Profile

Project Name	Project Number	Project Date
14479 EURO GARAGES BLACKPOOL	14479	08/12/2021

Manho	Manholes									
Node No.	Node ID	Town or Village	Road	Node Depth	Date					
1	MH01	BLACKPOOL	FLEETWOOD ROAD	1.760 m	14/12/2021					
5	MH02	BLACKPOOL	FLEETWOOD ROAD	1.900 m	14/12/2021					
6	MH03	BLACKPOOL	FLEETWOOD ROAD	3.800 m	14/12/2021					
7	MH04	BLACKPOOL	FLEETWOOD ROAD	2.400 m	14/12/2021					

Total: 4 Manholes



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STC25 COMPUTERISED SEWER RECORDS (MH01)

Forms for use with																
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					3		ΝL		OKL	<i>,</i> 3						
	FERENCE										DRAI	NAGE AREA CO	DDE	-		
LOCATIO	N	FLI	EETWC	OOD ROAD, BL	ACKP	OOL										
YEAR LA	ID		1	STATUS		FUNCTION	F	NOI	DE TYPE	МН		(diam)	SL	IRVEY DATE	14/1	2/21
COVER	SHAI	PE	R	HINGED	N	LOCK	N	DUT	ГΥ	н	SIZE (mm)	630 x 6	30	TOXIC ATMOSPHI	ERE	
SHAFT	SIDE ENTF		N	REGULAR COURSES	N	DEPTH (m)					SIZE (mm)	475 x		EVIDENCE VERMIN	OF	
СНАМВЕ	R SOFF	ŦΙΤ	s	STEPS	2	LADDERS	0	LAN	NDINGS	0	SIZE (mm)	1079 x 1	062	CONSTRUC	CTION	BR
DEPTH O	F FLOW (r	nm)		DEPTH OF	SILT	(mm)		HEIG	HT SURC	HARG	E (mm)		COVE	R LEVEL (m)	0.0	00
INCOM	/ING PI	PES	3													
	_	STRE		PIPE SHAPE		PE SIZE (mm diam)		ACKE NAM (PE ERIAL	LINING MATERIAL	1	PTH FROM OVER (m)		'ERT VEL
Α	N	/H01	Α	С		150				٧	C			1.680		
В	N	/H01	В	С		225				٧	C			1.740		
С	N	/IH01	С	С		225				٧	C			1.750		
OUTG	OING P	IPE:	S													
		NSTI	REAM NCE	PIPE SHAPE		PE SIZE (mm diam)	СО	ND (CRIT'Y		PE ERIAL	LINING MATERIAL		PTH FROM OVER (m)	INVI LE\	
Х		MH02	2	С		225				V	'C			1.760		
CONDIT	ΓΙΟΝ (ntion requ	COVE	R	IRONS	LAD	DERS	SH	IAFT		CHAI	MBER	BEN	CHING	i o1	ΓHER	
INSPEC REMAR	I															



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STC25 COMPUTERISED SEWER RECORDS (MH01)

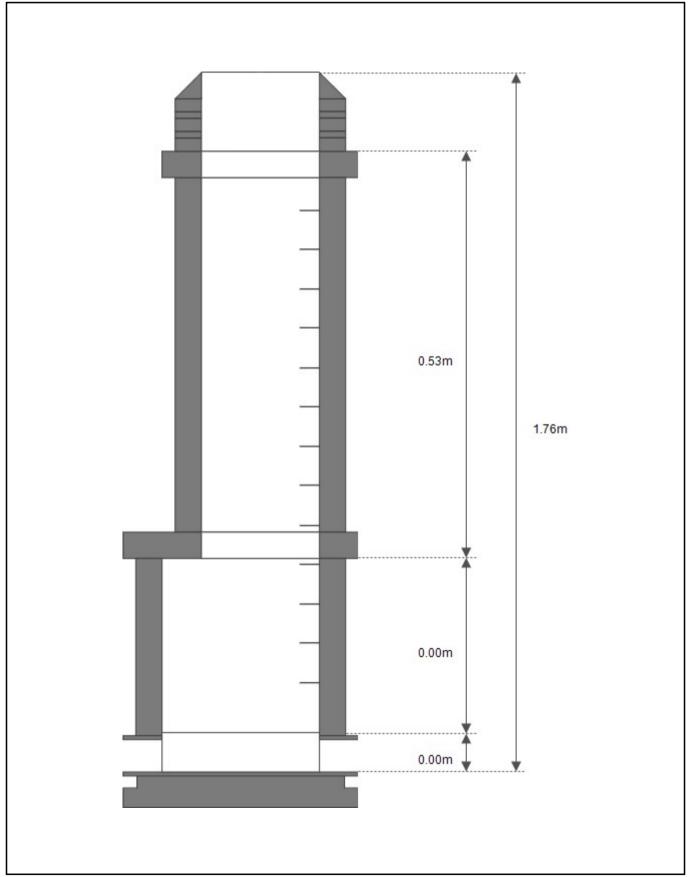
Legend:	·				
Cover Sh	iape	Cover Du	ty	Function	
R C T OV HX OC Z	Rectangular Circular Triangular Oval Hexagonal Octagonal Other	L M H U	Light Medium Heavy Unspecified	F S C T W LD Z	Foul Water Surface Water Combined Trade Effluent Culverted Watercourse Subsoil or Field Drainage Unknown
Remarks UTR UTL UTS UTGA BURIED DTP CBD CBG UNV URGENT NIPH	Unable to Raise Unable to Locate Unable to Survey Unable to Gain Access Manhole Buried Data Taken by Plans Co-ordinates by Digitiser Co-ordinates by Graphics Unverified Grid Reference	Chamber S T A C N U	Soffit Type Reducing Slab Taper Arch Corbel None Unspecified	Status PU PR 24 HD TR WC 17 18 AB TC WA U	Public Private Section 24 Highway Drain Trunk Watercourse Section 17 Section 18 Abandoned To be Constructed Water Company Maintained Unspecified
Pipe Sha A B C E H O R T U K CSC RSC Z	Arched Barrel Circular Egg Shaped Horseshoe (i.e. Inverted U) Oval Rectangular Trapezoidal U Shaped with Flat Top Kerb Block Circular with Small Channel Rectangular with Small Channel Other	Chamber B C E P G I S L R U	Construction Brick Common Brick Engineering Brick Precast Units Glass Reinforced Plastic In-situ Segmental Plastic (Other than G) Rendered Unspecified	Node Typ MH IC RE LH OF BR GY CP SK OS RG BN WR OC	Manhole Inspection Chamber Rodding Eye Lamphole Outfall Major Connection without Manhol Gully Catchpit Soakaway Oil Separator Running Trap Buchan Trap Winser Trap Other Special Chamber
Pipe/Lini AC BL BCI CCO CS DI EP FC FRP GI MAC MAX PVC PF PS RCC SPT VC X XI XP Z	Asbestos Cement Bituman (Lining) Brick Cast Iron Cement Mortar (Lining) Concrete Concrete Segments Ductile Iron Epoxy Fibre Cement Fibre Reinforced Plastic Grey Cast Iron Masonry (in regular courses) Masonry (randomly coursed) Mixed Material Polyvinyl Chloride Polyethylene Pitch Fibre Polypropylene Polyester Reinforced Concrete Sprayed Concrete Steel Vitrified Clay (i.e. all clayware) Unidentified Type of Iron or Steel Unidentified Type of Iron or Plastic Other Material				



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Node 2D Sketch - 14/12/2021 - MH01

Node No.	Node ID	Alternative ID	Client's Job Ref	Contractor's Job Ref
1	MH01		PK	14479







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Node Pictures - 14/12/2021 - MH01

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1	MH01		PK	14479



MH01_b59a0776-3c36-4224-9927-c219aec24854_20211214_160541.jpg, 0.00 m General remark



MH01_b3ab8d53-65aa-43f6-8724-bf82f4ea90a8_20211214_160558.jpg, 0.00 m General remark

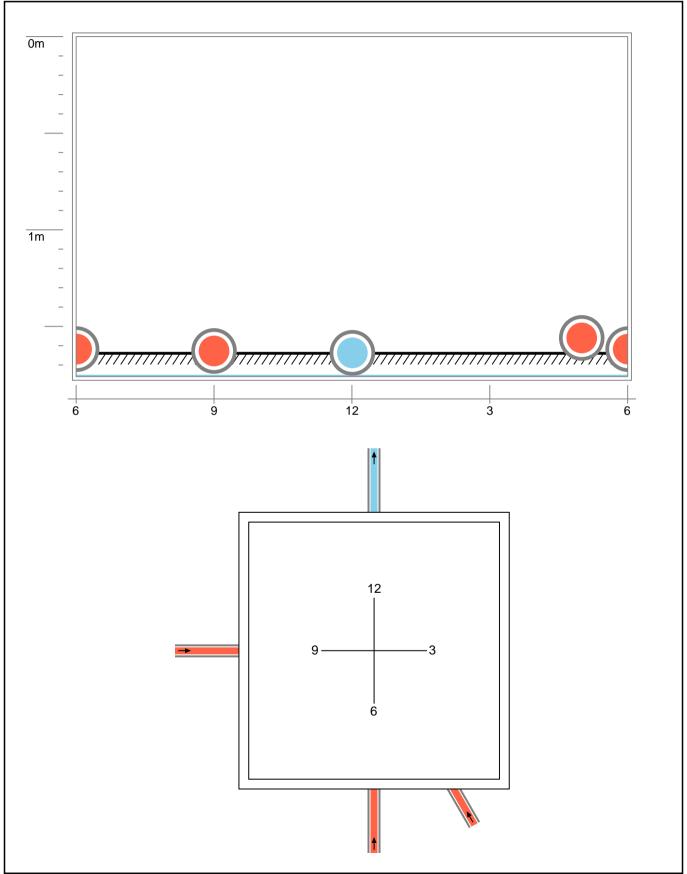


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Node Drawings - 14/12/2021 - MH01

Node No.Node IDAlternative IDClient's Job RefContractor's Job Ref1MH01PK14479





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STC25 COMPUTERISED SEWER RECORDS (MH02)

Form	s for ເ	ıse	with									Г		
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9					5	EWER	K	CORL)5					
GRID RE	FERENCE									DRAIN	NAGE AREA CO	DDE		
LOCATIO	LOCATION FLEETWOOD ROAD, BLACKPOOL									·				
YEAR LA	JD	-		STATUS		FUNCTION	F	NODE TYPE	МН			SUI	RVEY DATE	14/12/21
											(diam)			
COVER	SHA	PE	R	HINGED	N	LOCK	N	DUTY	Н	SIZE (mm)	600 x 60	00	TOXIC ATMOSPHE	RE
SHAFT	SIDE		N	REGULAR COURSES	N	DEPTH (m)				SIZE (mm)	595 x 55	54	EVIDENCE VERMIN	OF
CHAMBE			Т	STEPS	2	LADDERS	0	LANDINGS	0	SIZE	1164 × 0	74	CONSTRUC	TION BR
CHAMBE	K 30F	-11		_		LADDERS		LANDINGS	0	(mm)	1164 x 87	74	CODE	BR
DEPTH O	F FLOW (mm)		DEPTH OF	SILT	(mm)		HEIGHT SUR	HARG	E (mm)		COVER	LEVEL (m)	0.000
_														
INCO	MING P	IPES	S	į.										
		STRE		PIPE SHAPE	PI	PE SIZE (mm diam)		ACKDROP IAM (mm)		PE ERIAL	LINING MATERIAL	1	TH FROM VER (m)	INVERT LEVEL
Α		MH0	1	С		225			V	С			1.760	
В				С		225			V	С			1.850	
														<u> </u>
OUTG	OING F	PIPE	S											
	DOM	/NSTI	REAM	PIPE	PI	PE SIZE (mm			PI	PE	LINING	DEP	TH FROM	INVERT
	1	FERE		SHAPE		diam) `	СО	ND CRIT'Y	MATE	ERIAL	MATERIAL		VER (m)	LEVEL
Χ		MH0	4	С		225			V	C			1.900	
CONDIT	TION ention requ	COVE	ER	IRONS/	LAD	DERS	SH	AFT	CHAI	/IBER	BENG	CHING	ОТ	HER
(Y II atte	ention requ	iirea)												
INSPEC REMAR	I .													
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STC25 COMPUTERISED SEWER RECORDS (MH02)

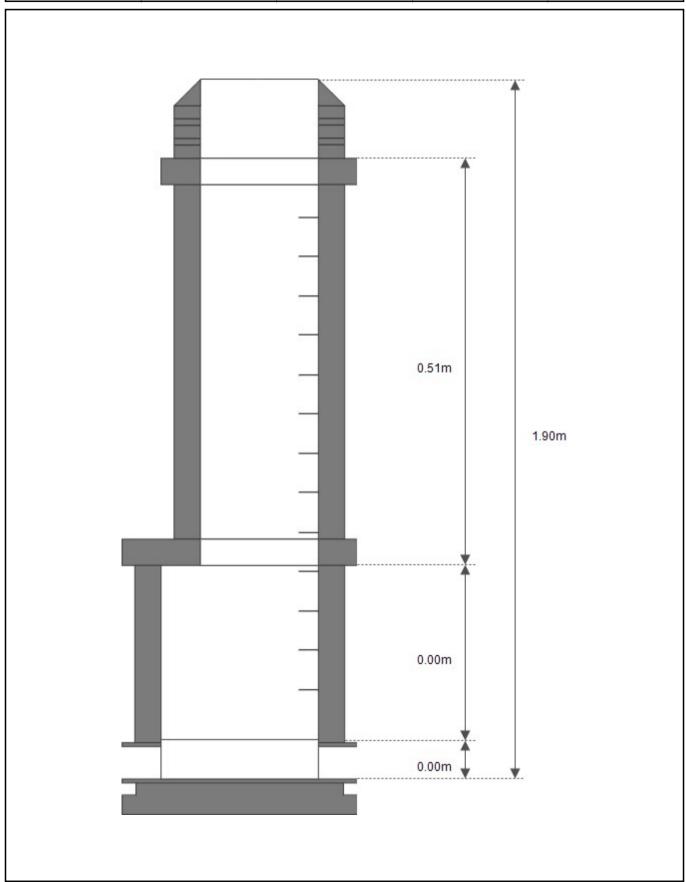
Legend:					
Cover Sh	ape	Cover Du	ty	Function	
R C T OV HX OC Z	Rectangular Circular Triangular Oval Hexagonal Octagonal Other	L M H U	Light Medium Heavy Unspecified	F S C T W LD Z	Foul Water Surface Water Combined Trade Effluent Culverted Watercourse Subsoil or Field Drainage Unknown
Remarks		Chamber	Soffit Type	Status	
UTR UTS UTGA BURIED DTP CBD CBG UNV URGENT NIPH	Unable to Raise Unable to Locate Unable to Survey Unable to Gain Access Manhole Buried Data Taken by Plans Co-ordinates by Digitiser Co-ordinates by Graphics Unverified Grid Reference Urgent Action Required Not in Public Highway	S T A C N U	Reducing Slab Taper Arch Corbel None Unspecified	PU PR 24 HD TR WC 17 18 AB TC WA U	Public Private Section 24 Highway Drain Trunk Watercourse Section 17 Section 18 Abandoned To be Constructed Water Company Maintained Unspecified
Pipe Sha	ne	Chamber	Construction	Node Typ	· · · · · · · · · · · · · · · · · · ·
A B C E H O R T U K CSC RSC Z	Arched Barrel Circular Egg Shaped Horseshoe (i.e. Inverted U) Oval Rectangular Trapezoidal U Shaped with Flat Top Kerb Block Circular with Small Channel Rectangular with Small Channel Other	B C E P G I S L R U	Brick Common Brick Engineering Brick Precast Units Glass Reinforced Plastic In-situ Segmental Plastic (Other than G) Rendered Unspecified	MH IC RE LH OF BR GY CP SK OS RG BN WR OC	Manhole Inspection Chamber Rodding Eye Lamphole Outfall Major Connection without Manhole Gully Catchpit Soakaway Oil Separator Running Trap Buchan Trap Winser Trap Other Special Chamber
AC BL BR CI CL CO CS DI EP FC FRP GI	Asbestos Cement Bituman (Lining) Brick Cast Iron Cement Mortar (Lining) Concrete Concrete Segments Ductile Iron Epoxy Fibre Cement Fibre Reinforced Plastic Grey Cast Iron				
MAC MAR MX PVC PE PF PP RC SPC ST VC X XI XP Z	Masonry (in regular courses) Masonry (randomly coursed) Mixed Material Polyvinyl Chloride Polyethylene Pitch Fibre Polypropylene Polyester Reinforced Concrete Sprayed Concrete Steel Vitrified Clay (i.e. all clayware) Unidentified Material Unidentified Type of Iron or Steel Unidentified Type of Iron or Plastic				



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Node 2D Sketch - 14/12/2021 - MH02

Node No.	Node ID	Alternative ID	Client's Job Ref	Contractor's Job Ref
5	MH02		PK	14479







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Node Pictures - 14/12/2021 - MH02

Node No.	Node ID	Alternative ID	Client's Job Ref	Contractor's Job Ref
5	MH02		PK	14479



MH02_7c35867e-86d1-4b1e-873f-d0fa84fdaf57_20211214_161551.jpg, 0.00 m General remark



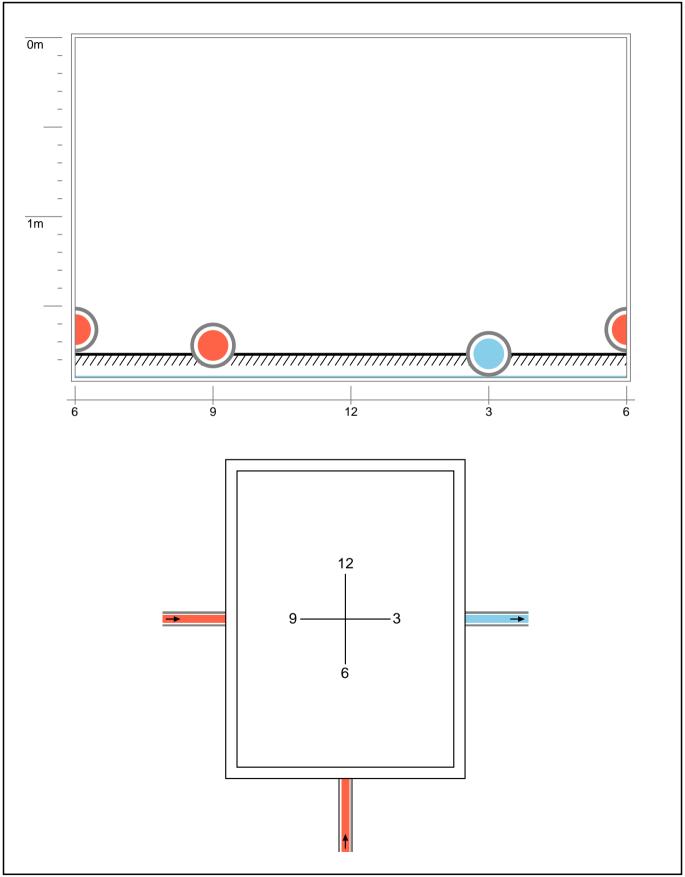
MH02_a1b7d8f5-c5ca-4aa7-9aff-84ebca423ff7_20211214_161613.jpg, 0.00 m General remark



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Node Drawings - 14/12/2021 - MH02

Node No.	Node ID	Alternative ID	Client's Job Ref	Contractor's Job Ref
5	MH02		PK	14479





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STC25 COMPUTERISED SEWER RECORDS (MH03)

Form	s for	use	with												
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V					SE!	WEK	KE	ECOK	DS						
GRID RE	FERENC	CE								DRAII	NAGE ARE	A CODE			
LOCATIO	ON	FL	EETWO	OOD ROAD, BLA	CKPOOL	-									
YEAR LA	AID		7	STATUS	FU	INCTION	s	NODE TYP	ЕМН		(diam)	s	URVEY DATE	14/12/	/21
COVER	SH	IAPE	R	HINGED	N LC	ск	N	DUTY	Н	SIZE (mm)	610	k 610	TOXIC ATMOSPH	ERE	
SHAFT		DE ITRY	N	REGULAR COURSES	N DE	EPTH (m)				SIZE (mm)	612	x 608	EVIDENCE VERMIN	-	
СНАМВЕ	R SC	FFIT	s	STEPS	0 LA	DDERS	0	LANDINGS	0	SIZE (mm)	1806	x 2966	CONSTRU	CTION	BR
DEPTH C	OF FLOV	V (mm)		DEPTH OF S	SILT (mm	, [HEIGHT SUF	CHARG] , ,		COVE	ER LEVEL (m)	0.00	0
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INCO	MING	PIPE	S		_										
		JPSTR EFERI		PIPE SHAPE		SIZE (mm liam)		ACKDROP IAM (mm)	1	IPE ERIAL	LINING MATERI		EPTH FROM COVER (m)	INVE LEV	
А				С	1	,500			E	3R			3.730		
OUTG	OING	PIPE	S												
		WNST EFERI	REAM ENCE	PIPE SHAPE		SIZE (mm liam)	co	ND CRIT'Y		IPE ERIAL	LINING		PTH FROM OVER (m)	INVE	
0				С	1	,500			Е	3R			3.800		
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CONDITE (Y if atte	_	COV equired		IRONS/I	_ADDER	S	SH	AFT	CHAI	MBER	В	ENCHIN	G O	THER	
INSPEC	STION														
REMAR															



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STC25 COMPUTERISED SEWER RECORDS (MH03)

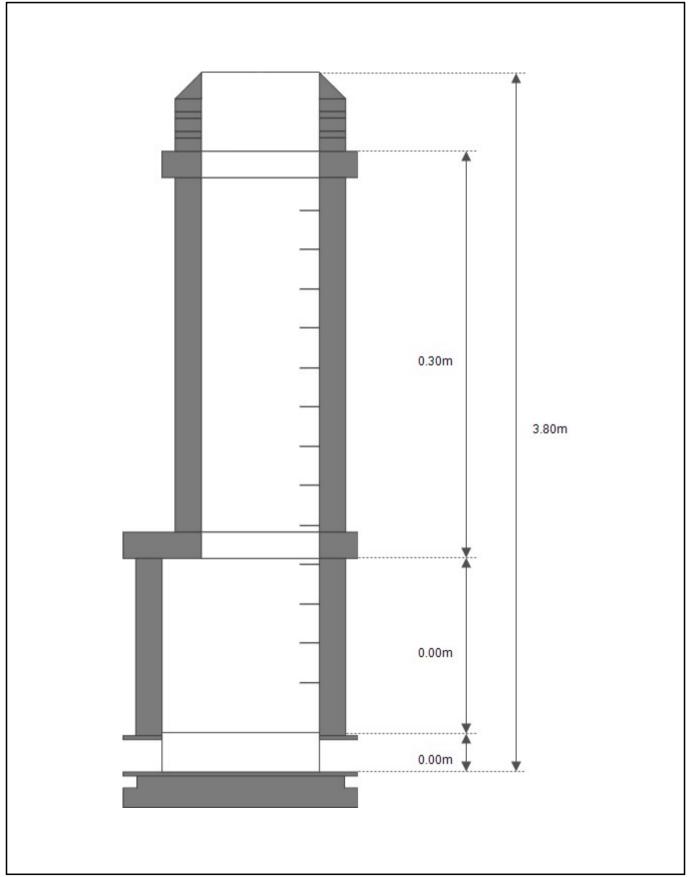
Legend:		
Cover Shape	Cover Duty	Function
R Rectangular C Circular T Triangular OV Oval HX Hexagonal OC Octagonal Z Other	L Light M Medium H Heavy U Unspecified	F Foul Water S Surface Water C Combined T Trade Effluent W Culverted Watercourse LD Subsoil or Field Drainage Z Unknown
Remarks UTR Unable to Raise UTL Unable to Locate UTS Unable to Survey UTGA Unable to Gain Access BURIED Manhole Buried DTP Data Taken by Plans CBD Co-ordinates by Digitiser CBG Co-ordinates by Graphics UNV Unverified Grid Reference URGENT Urgent Action Required Not in Public Highway	Chamber Soffit Type S Reducing Slab T Taper A Arch C Corbel N None U Unspecified	Status PU Public PR Private 24 Section 24 HD Highway Drain TR Trunk WC Watercourse 17 Section 17 18 Section 18 AB Abandoned TC To be Constructed WA Water Company Maintained U Unspecified
Pipe Shape A Arched B Barrel C Circular E Egg Shaped H Horseshoe (i.e. Inverted U) O Oval R Rectangular T Trapezoidal U U Shaped with Flat Top K Kerb Block CSC Circular with Small Channel RSC Rectangular with Small Channel Z Other	Chamber Construction B Brick C Common Brick E Engineering Brick P Precast Units G Glass Reinforced Plastic I In-situ S Segmental L Plastic (Other than G) R Rendered U Unspecified	MH Manhole IC Inspection Chamber RE Rodding Eye LH Lamphole OF Outfall BR Major Connection without Manhole GY Gully CP Catchpit SK Soakaway OS Oil Separator RG Running Trap BN Buchan Trap WR Winser Trap OC Other Special Chamber
Pipe/Lining Material AC Asbestos Cement BL Bituman (Lining) BR Brick CI Cast Iron CL Cement Mortar (Lining) CO Concrete CS Concrete Segments DI Ductile Iron EP Epoxy FC Fibre Cement FRP Fibre Reinforced Plastic GI Grey Cast Iron MAC Masonry (in regular courses) MAR Masonry (randomly coursed) MX Mixed Material PVC Polyvinyl Chloride PE Polyethylene PF Pitch Fibre PP Polypropylene PS Polyester RC Reinforced Concrete SPC Sprayed Concrete ST Steel VC Vitrified Clay (i.e. all clayware) X Unidentified Type of Iron or Steel XP Unidentified Type of Iron or Plastic		



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Node 2D Sketch - 14/12/2021 - MH03

Node No.	Node ID	Alternative ID	Client's Job Ref	Contractor's Job Ref
6	MH03		PK	14479







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Node Pictures - 14/12/2021 - MH03

Node No.	Node ID	Alternative ID	Client's Job Ref	Contractor's Job Ref
6	MH03		PK	14479



MH03_e1bad150-dcab-4bc5-a80c-f8c152c1c670_20211214_162433.jpg, 0.00 m General remark



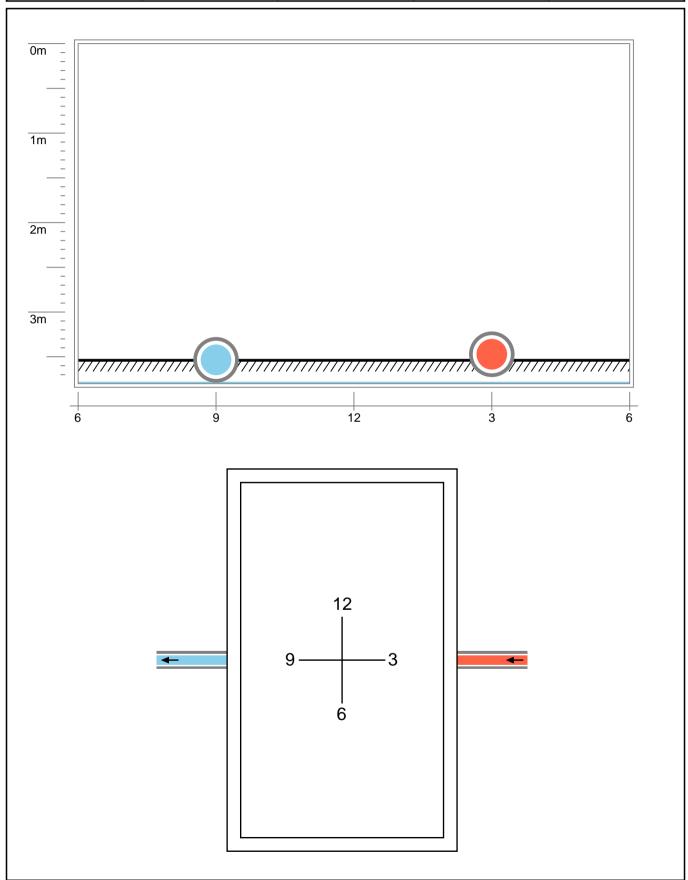
MH03_2c574c19-1a75-486c-8e90-5dc921d056a5_20211214_162501.jpg, 0.00 m General remark



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Node Drawings - 14/12/2021 - MH03

Node No.	Node ID	Alternative ID	Client's Job Ref	Contractor's Job Ref
6	MH03		PK	14479





UNIT CG17 & 18 WARRINGTON BUSINESS PARK, WARRINGTON Tel. 01925444664 INFO@UNDERGROUNDSURVEYS.CO.UK

STC25 COMPUTERISED SEWER RECORDS (MH04)

Forms for use with														
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2				25	S	OMPU' EWER	RE	CORE)S					
										1				
GRID RE	FERENCE	FLE	ET\//C	OOD ROAD, BL	ACKE	2001				DRAIN	IAGE AREA CO	DDE .		
LOCATIO	/I I			OD NOAD, BE	AOIN				_					
YEAR LA	IID			STATUS		FUNCTION	S	NODE TYPE	MH		(diam)	SURVEY DA	TE 14	12/21
COVER	SHAPE	E	С	HINGED	N	LOCK	N	DUTY	Н	SIZE (mm)	610 x 6	10 TOXIC ATMOS	PHERE	
SHAFT	SIDE ENTR)	,	N	REGULAR COURSES	N	DEPTH (m)				SIZE (mm)	623 x 5	79 EVIDEN		
СНАМВЕ	R SOFFI	т	А	STEPS	4	LADDERS	0	LANDINGS	0	SIZE (mm)	873 x 1	365 CONST	RUCTIOI	N BR
DEPTH C	F FLOW (m	m)		DEPTH OF	SILT	(mm)		HEIGHT SURG	CHARG	E (mm)		COVER LEVEL (m) (0.000
INCO	MING PIF	PES												
	UPS REFE			PIPE SHAPE		PE SIZE (mm diam)		ACKDROP IAM (mm)		PE ERIAL	LINING MATERIAL	DEPTH FRO COVER (m		NVERT LEVEL
Α	N	1H02		С		300			V	С		2.340		
OUTG	OING PI	PES	3											
	DOWN REFE			PIPE SHAPE		PE SIZE (mm diam)	со	ND CRIT'Y		PE ERIAL	LINING MATERIAL	DEPTH FRO COVER (m)		VERT EVEL
X				С		300			V	С		2.400		
CONDITE (Y if atte	FION Contion requir	OVE red)	R	IRONS	'LAD	DERS	SH	AFT	CHAN	MBER	BENG	CHING	OTHER	R
INSPEC REMAR	-													



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STC25 COMPUTERISED SEWER RECORDS (MH04)

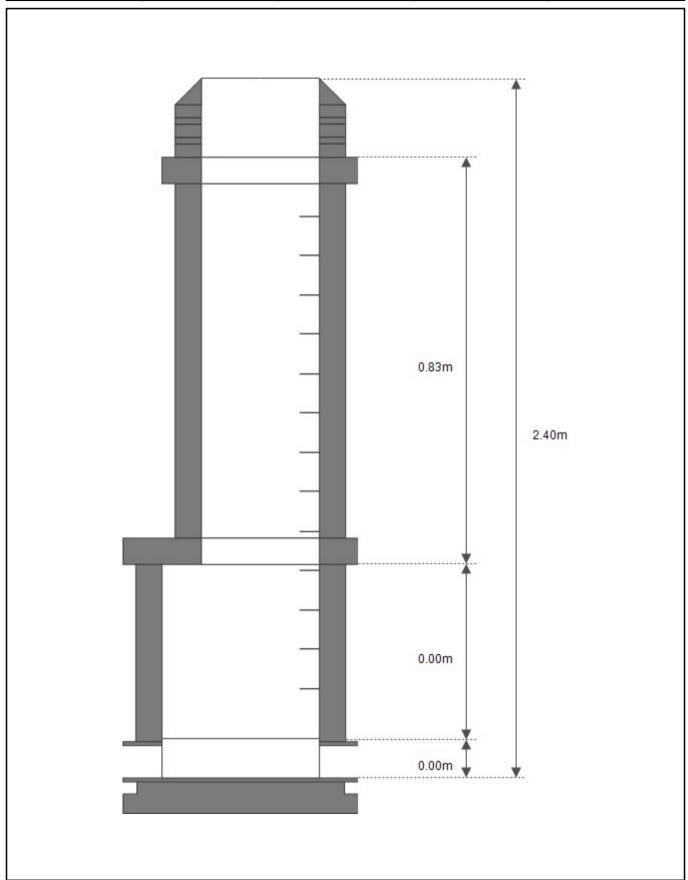
Legend:	·				
Cover Sh	iape	Cover Du	ty	Function	
R C T OV HX OC Z	Rectangular Circular Triangular Oval Hexagonal Octagonal Other	L M H U	Light Medium Heavy Unspecified	F S C T W LD Z	Foul Water Surface Water Combined Trade Effluent Culverted Watercourse Subsoil or Field Drainage Unknown
Remarks UTR UTL UTS UTGA BURIED DTP CBD CBG UNV URGENT NIPH	Unable to Raise Unable to Locate Unable to Survey Unable to Gain Access Manhole Buried Data Taken by Plans Co-ordinates by Digitiser Co-ordinates by Graphics Unverified Grid Reference	Chamber S T A C N U	Soffit Type Reducing Slab Taper Arch Corbel None Unspecified	Status PU PR 24 HD TR WC 17 18 AB TC WA U	Public Private Section 24 Highway Drain Trunk Watercourse Section 17 Section 18 Abandoned To be Constructed Water Company Maintained Unspecified
Pipe Sha A B C E H O R T U K CSC RSC Z	Arched Barrel Circular Egg Shaped Horseshoe (i.e. Inverted U) Oval Rectangular Trapezoidal U Shaped with Flat Top Kerb Block Circular with Small Channel Rectangular with Small Channel Other	Chamber B C E P G I S L R U	Construction Brick Common Brick Engineering Brick Precast Units Glass Reinforced Plastic In-situ Segmental Plastic (Other than G) Rendered Unspecified	Node Typ MH IC RE LH OF BR GY CP SK OS RG BN WR OC	Manhole Inspection Chamber Rodding Eye Lamphole Outfall Major Connection without Manhol Gully Catchpit Soakaway Oil Separator Running Trap Buchan Trap Winser Trap Other Special Chamber
Pipe/Lini AC BL BCI CCO CS DI EP FC FRP GI MAC MAX PVC PF PS RCC SPT VC X XI XP Z	Asbestos Cement Bituman (Lining) Brick Cast Iron Cement Mortar (Lining) Concrete Concrete Segments Ductile Iron Epoxy Fibre Cement Fibre Reinforced Plastic Grey Cast Iron Masonry (in regular courses) Masonry (randomly coursed) Mixed Material Polyvinyl Chloride Polyethylene Pitch Fibre Polypropylene Polyester Reinforced Concrete Sprayed Concrete Steel Vitrified Clay (i.e. all clayware) Unidentified Type of Iron or Steel Unidentified Type of Iron or Plastic Other Material				



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Node 2D Sketch - 14/12/2021 - MH04

Node No.	Node ID	Alternative ID	Client's Job Ref	Contractor's Job Ref
7	MH04		PK	14479







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Node Pictures - 14/12/2021 - MH04

Node No.	Node ID	Alternative ID	Client's Job Ref	Contractor's Job Ref
7	MH04		PK	14479



 $MH04_6dc5d2f0-f1b6-4116-948c-f1285e03336a_20211214_163446.jpg,\ 0.00\ m$ General remark



MH04_67cf3b72-f237-474c-b94e-23ec0349ec2c_20211214_163503.jpg, 0.00 m General remark



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Node Drawings - 14/12/2021 - MH04

Node No.	Node ID	Alternative ID	Client's Job Ref	Contractor's Job Ref
7	MH04		PK	14479

